

870 Order Status Report

Functional Group ID=**RS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Notes:

1. Organizations use this transaction set to provide supply status on Special Program Requirements (SPR) requests. The Defense Automatic Addressing System Center (DAASC) and Inventory Control Points (ICPs) or Integrated Material Managers (IMMs) use this transaction set to notify the organization originating the SPR or Logistics Asset Support Estimate (LASE) transaction that the transaction was rerouted. ICPs or IMMs use this transaction to notify the originator of an SPR or LASE transaction that the Federal Supply Classification (FSC) provided on the original transaction was incorrect.

2. Use a single occurrence of this transaction set to transmit supply status to one or more organizations. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BSR	Beginning Segment for Order Status Report	M	1		
Not Used	042	TD3	Carrier Details (Equipment)	O	1		
Not Used	043	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1		
Not Used	044	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		
Not Used	045	DTM	Date/Time Reference	O	10		
			LOOP ID - REF			>1	
Not Used	046	REF	Reference Identification	O	1		

870L - Order Status Report (SPR/LASE Status)

Not Used	047	DTM	Date/Time Reference	O	>1
LOOP ID - N1					200
7	050	N1	Name	O	1
Not Used	060	N2	Additional Name Information	O	2
Not Used	070	N3	Address Information	O	2
Not Used	080	N4	Geographic Location	O	1
Not Used	090	REF	Reference Identification	O	12
Not Used	100	PER	Administrative Communications Contact	O	3
Not Used	105	PWK	Paperwork	O	1
LOOP ID - LM					10
Not Used	120	LM	Code Source Information	O	1
Not Used	130	LQ	Industry Code	M	100

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - HL							1000
9	010	HL	Hierarchical Level	M	1		
Not Used	020	PRF	Purchase Order Reference	O	1		
LOOP ID - ISR							104
Not Used	030	ISR	Item Status Report	O	1		
Not Used	040	PID	Product/Item Description	O	6		
Not Used	050	QTY	Quantity	O	4		
Not Used	070	PER	Administrative Communications Contact	O	3		
11	080	DTM	Date/Time Reference	O	10		
Not Used	086	CS	Contract Summary	O	3		n1
LOOP ID - REF							>1
12	087	REF	Reference Identification	O	1		
Not Used	088	DTM	Date/Time Reference	O	>1		
LOOP ID - N1							200
14	090	N1	Name	O	1		
Not Used	100	N2	Additional Name Information	O	2		
Not Used	110	N3	Address Information	O	2		
Not Used	120	N4	Geographic Location	O	1		
Not Used	130	REF	Reference Identification	O	12		
Not Used	140	PER	Administrative Communications Contact	O	3		
LOOP ID - LM							10
16	144	LM	Code Source Information	O	1		
17	145	LQ	Industry Code	M	100		
LOOP ID - PO1							1000
19	150	PO1	Baseline Item Data	O	1		
Not Used	155	CUR	Currency	O	1		
Not Used	160	SLN	Subline Item Detail	O	100		
Not Used	170	PO3	Additional Item Detail	O	1		
Not Used	180	PID	Product/Item Description	O	1000		

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Not Used	190	MEA	Measurements	O	40	
Not Used	200	PKG	Marking, Packaging, Loading	O	25	
LOOP ID - ISR					104	
22	210	ISR	Item Status Report	O	1	
Not Used	220	PID	Product/Item Description	O	6	
23	230	QTY	Quantity	O	4	
25	240	DTM	Date/Time Reference	O	10	
Not Used	250	N1	Name	O	1	
Not Used	251	N2	Additional Name Information	O	2	
Not Used	252	N3	Address Information	O	2	
Not Used	253	N4	Geographic Location	O	1	
Not Used	260	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	270	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	
Not Used	280	TD3	Carrier Details (Equipment)	O	1	
Not Used	290	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1	
Not Used	300	REF	Reference Identification	O	12	
Not Used	310	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
LOOP ID - LM					10	
26	320	LM	Code Source Information	O	1	
27	330	LQ	Industry Code	M	100	
LOOP ID - LX					>1	
Not Used	340	LX	Assigned Number	O	1	n2
Not Used	350	REF	Reference Identification	O	>1	
Not Used	360	N1	Name	O	1	
Not Used	370	DTM	Date/Time Reference	O	10	
LOOP ID - LM					10	
Not Used	380	LM	Code Source Information	O	1	
Not Used	390	LQ	Industry Code	M	100	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n3
28	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Use is limited to intra-organizational transactions.
2. The LX loop conveys serial number, lot number, and inventory data.
3. The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 870 Order Status Report	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

Segment: **BSR** Beginning Segment for Order Status Report
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an Order Status Report Transaction Set
Syntax Notes:
Semantic Notes:

- 1 BSR03 indicates a status report document number assigned by the sender.
- 2 BSR04 indicates the date of this report from the sender.
- 3 BSR07 indicates the time of this report from the sender.
- 4 BSR08 indicates a status report document number assigned by the inquirer.
- 5 BSR09 indicates the date this report was requested from the sender by the inquirer.
- 6 BSR10 indicates the time this report was requested from the sender by the inquirer.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BSR01	850	Status Report Code	M ID 1/2
			Code indicating the reason for sending the report	
		3	Unsolicited Report	
			<i>Use to indicate the DAASC or the ICP/IMM is notifying an organization of an error in an SPR or LASE transaction.</i>	
		9	Response to a Requirement Forecast	
			<i>Use to indicate the supply source is providing planning information related to a SPR.</i>	
Must Use	BSR02	847	Order/Item Code	M ID 1/2
			Code identifying a group of orders and items	
		CA	All Orders - All Items	
			<i>Use to indicate the response applies to all specified items.</i>	
Must Use	BSR03	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Use code "Z" for this data element to satisfy a mandatory X12 syntax requirement.</i>	
Must Use	BSR04	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			<i>This date is the date of transaction set preparation and corresponds to</i>	

			<i>the Universal Time Coordinate (UTC).</i>	
Not Used	BSR05	848	Product/Date Code	O ID 1/2
			Code indicating whether the inquiry is based on products and/or date parameters	
Not Used	BSR06	849	Location Code	O ID 1/2
			Code indicating the selection of a supplier's and/or buyer's locations or group of locations	
	BSR07	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>1. Use to identify the originator's time of transaction set preparation time in UTC.</i>	
			<i>2. Express time in a four-position (HHMM) format.</i>	
Not Used	BSR08	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	BSR09	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	BSR10	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	BSR11	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction set	
			00	Original
			77	Simulation Exercise
			<i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>	
Not Used	BSR12	306	Action Code	O ID 1/2
			Code indicating type of action	

Segment:	N1 Name
Position:	050
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Must use the 1/N1/050 loop to identify the organization originating the transaction set.</i>

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code	M ID 2/3
Code identifying an organizational entity, a physical location, property or an individual				
<i>Use only one of codes GP, Z4, or ZN.</i>				
		GP	Gateway Provider	
			Identifies a gateway access provider	
			<i>Use when DAASC is providing rerouting status.</i>	
		Z4	Owning Inventory Control Point	
			An inventory control organization responsible for management of a particular item	
			<i>Use to identify the ICP or IMM providing status.</i>	
		ZN	Losing Inventory Manager	
			The organization losing management responsibility for an individual item of supply	
			<i>Use with BSR01 code 9 when the LIM is providing status.</i>	
Not Used	N102	93	Name	X AN 1/60
			Free-form name	
Must Use	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	

		10	Department of Defense Activity Address Code (DODAAC)	
		M4	Department of Defense Routing Identifier Code (RIC)	
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
Must Use	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		FR	Message From	
			<i>Must use with the appropriate 1/N101/050 code to indicate the organization cited in N104 originating the transaction set.</i>	

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: *The transaction set hierarchical data structure is SPR or LASE transaction status only.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	HL01	628 Hierarchical ID Number	M AN 1/12
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
		<i>In the first 2/HL/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	
Not Used	HL02	734 Hierarchical Parent ID Number	O AN 1/12
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
Must Use	HL03	735 Hierarchical Level Code	M ID 1/2
		Code defining the characteristic of a level in a hierarchical structure	
		W	Transaction Reference Number
		The HL loop will identify shipment notice	

information for each reported transaction reference number

Use to identify the individual SPR or LASE transaction status loops.

Not Used	HL04	736	Hierarchical Child Code	O ID 1/1
			Code indicating if there are hierarchical child data segments subordinate to the level being described	

Segment: **DTM** **Date/Time Reference**

Position: 080

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use in SPR/LASE status transactions.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier		M ID 3/3
			Code specifying type of date or time, or both date and time		
			097	Transaction Creation	
			<i>Use to indicate the date of transaction preparation.</i>		
	DTM02	373	Date		X DT 8/8
			Date expressed as CCYYMMDD		
Not Used	DTM03	337	Time		X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	Time Code		O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
Not Used	DTM05	1250	Date Time Period Format Qualifier		X ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM06	1251	Date Time Period		X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment: **REF** **Reference Identification**
Position: 087
Loop: REF Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: *Must use to identify the customer assigned transaction number.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification TN Transaction Reference Number <i>Must use to identify the customer assigned transaction number.</i> WL Federal Supply Classification Code <i>Use for ICP notification transactions to identify the correct FSC associated with the material cited in an SPR or LASE transaction.</i>	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification	X AN 1/30

			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment:	N1 Name
Position:	090
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<ol style="list-style-type: none"> 1. <i>Must use one iteration of this 2/N1/090 loop to identify the organization to receive the transaction.</i> 2. <i>Use additional iterations to identify other organizations associated with the transaction.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98		Entity Identifier Code	M ID 2/3
				Code identifying an organizational entity, a physical location, property or an individual	
			78	Service Requester	
				<i>Must use to indicate the activity submitting the original SPR or LASE transaction.</i>	
			ZA	Corrected Address	
				The organization to which information should have been sent	
				<i>Use to identify the source of supply to whom DAASC or the ICP or IMM has rerouted the transaction.</i>	
			ZP	Gaining Inventory Manager	
				The organization assuming management responsibility for an individual item of supply	
				<i>Use for SPR response transactions to identify the Gaining Item Manager (GIM) for those items of supply involved in logistics reassignment.</i>	
Not Used	N102	93		Name	X AN 1/60
				Free-form name	
Must Use	N103	66		Identification Code Qualifier	X ID 1/2

Code designating the system/method of code structure used for
Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
M4	Department of Defense Routing Identifier Code (RIC)
	An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

Must Use N104 67 Identification Code X AN 2/80

Code identifying a party or other code

Not Used N105 706 Entity Relationship Code O ID 2/2

Code describing entity relationship

N106 98 Entity Identifier Code O ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

TO Message To

Must use with 2/N101/090 code 78 to indicate the organization cited in N104 is receiving the transaction set.

Segment: **LM** **Code Source Information**

Position: 144

Loop: LM Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.

Notes: *Use this 2/LM/144 loop to identify coded information maintained in departmental or agency documentation.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 145
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
		0	Document Identification Code	
			Codes that subclassify a transaction	
			<i>Use a second iteration with BSR01 code 3 to identify the document identifier code of the original transaction for which status is being provided.</i>	
		78	Project Code	
			Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes	
		81	Status Code	
			Informs appropriate recipients about the status of a transaction or excess report	
			<i>Use multiple repetitions to identify status associated with the transaction number to notify of an FSC change and/or that DAASC rerouted a LASE or SPR transaction; otherwise do not use.</i>	
		83	Supply Condition Code	
			Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable	
		A9	Supplemental Data	
			Identifies the originating organization's unique logistics information	
		COG	Cognizance Symbol	
			<i>Use to identify the material cognizance symbol</i>	

(COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

ED Coast Designation Code
The location of the consignee

IMC Item Management Code

Use to identify the Item Management Code (IMC) for integrated material management. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC Material Control Code

Use to identify the Material Control Code (MCC) for special inventory reporting. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI Special Material Identification Code

Use to identify the Special Material Identification Code (SMIC) for an end item. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

Must Use LQ02 1271 Industry Code X AN 1/30
Code indicating a code from a specific industry code list

Segment:	PO1	Baseline Item Data
Position:	150	
Loop:	PO1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify basic and most frequently used line item data	
Syntax Notes:	<ol style="list-style-type: none"> 1 If PO103 is present, then PO102 is required. 2 If PO105 is present, then PO104 is required. 3 If either PO106 or PO107 is present, then the other is required. 4 If either PO108 or PO109 is present, then the other is required. 5 If either PO110 or PO111 is present, then the other is required. 6 If either PO112 or PO113 is present, then the other is required. 7 If either PO114 or PO115 is present, then the other is required. 8 If either PO116 or PO117 is present, then the other is required. 9 If either PO118 or PO119 is present, then the other is required. 10 If either PO120 or PO121 is present, then the other is required. 11 If either PO122 or PO123 is present, then the other is required. 12 If either PO124 or PO125 is present, then the other is required. 	
Semantic Notes:		
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of IDs. 2 PO101 is the line item identification. 3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. 	
Notes:	<i>Use the 2/PO1/150 loop for SPR response transactions to identify the material and status associated with the transaction number.</i>	

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	PO101	350 Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
Not Used	PO102	330 Quantity Ordered	X R 1/15
		Quantity ordered	
Not Used	PO103	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	PO104	212 Unit Price	X R 1/17
		Price per unit of product, service, commodity, etc.	
Not Used	PO105	639 Basis of Unit Price Code	O ID 2/2
		Code identifying the type of unit price for an item	
Must Use	PO106	235 Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in	

Product/Service ID (234)

Use only one of codes A2, A4, FB, FS, KD, PR, RR, SR, SW, or YP to identify the material. Must use the National Stock number (NSN) when known.

A2 Department of Defense Identification Code (DoDIC)
Qualifies a code that uniquely identifies a type of explosive or ammunition

Use to identify ammunition items.

A4 Subsistence Identification Number
Item identifier is a brand-name resale subsistence item

Use to identify subsistence items.

FB Form Number

Use to identify the form stock number.

FS National Stock Number

KD Replacement National Stock Number

Use to identify the substitute or superseding NSN when the requested material is either not available or obsolete.

PR Process Number

Use to identify the substitute or superseding publication number when the requested material is either not available or obsolete.

RR Replacement Product Number

Use to identify the substitute or superseding form stock number when the requested material is either not available or obsolete.

SR Substitute Product Number

Use to identify the substitute or superseding ammunition item when the requested material is either not available or obsolete.

SW Stock Number

Use to identify the substitute or superseding subsistence item when the requested material is either not available or obsolete.

YP Publication Number

Use to identify the publication stock number.

Must Use	PO107	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	PO108	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	PO109	234	Product/Service ID	X	AN 1/48

			Identifying number for a product or service	
Not Used	PO110	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO111	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO112	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO113	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO114	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO115	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO116	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO117	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO118	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO119	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO120	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO121	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO122	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO123	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO124	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO125	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	

Segment: **ISR** Item Status Report
Position: 210
Loop: ISR Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify detailed purchase order/item status
Syntax Notes:
Semantic Notes: 1 If ISR01 specifies a date, ISR02 is required.
Comments:
Notes:

Use the 2/ISR/210 loop to provide detailed status information.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ISR01	368		Shipment/Order Status Code	M ID 2/2
				Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
			CO	Customer Inquiry - Unshipped Items Only	
				<i>Use to indicate status is provided in response to a customer inquiry.</i>	
			UR	Unsolicited Report	
				<i>Use to indicate status is provided in accordance with normal status response parameters.</i>	
Not Used	ISR02	373		Date	O DT 8/8
				Date expressed as CCYYMMDD	
Not Used	ISR03	641		Status Reason Code	O ID 3/3
				Code indicating the status reason	

Segment:	QTY Quantity
Position:	230
Loop:	ISR Optional
Level:	Detail
Usage:	Optional
Max Use:	4
Purpose:	To specify quantity information
Syntax Notes:	1 At least one of QTY02 or QTY04 is required. 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	1. Must use one repetition with responses to SPR forecasts to identify the quantity for which the SPR status code in the 2/LM/320 loop applies. May use a second repetition in response to an SPR forecast to indicate the procurement leadtime. 2. Do not use with transactions notifying of errors in SPR or LASE transactions.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			1G Lead Time (in calendar units)	
			The amount of initial lead time	
			<i>Use to indicate the number of procurement (or assembly) lead time days when required by the associated status code.</i>	
			AY Forecast	
			<i>Use to identify the SPR forecast quantity associated with the support date in the 2/DTM/240 segment.</i>	
Must Use	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	
			<i>Express as a whole number with no decimals.</i>	
	QTY03	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	

Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X AN 1/30

Segment: DTM Date/Time Reference**Position:** 240**Loop:** ISR Optional**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Notes:**

1. Must use with responses to SPR forecasts to identify the support date associated with the forecast quantity in the 2/QTY/230 segment for which the status in the 2/LM/320 loop is provided.

2. Do not use with transactions notifying of errors in SPR or LASE transactions.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		106 Required By	
		<i>Use to identify the specific support date for which SPR status is provided.</i>	
Must Use	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
Not Used	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **LM** **Code Source Information**
Position: 320
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Use the 2/LM/320 loop to identify status related to the forecast quantity in the 2/QTY/230 segment and the date in the 2/DTM/240 segment.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment:	LQ Industry Code
Position:	330
Loop:	LM Optional
Level:	Detail
Usage:	Mandatory
Max Use:	100
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	
Comments:	
Notes:	<p><i>1. Use to identify codes, as appropriate, consistent with management information requirements.</i></p> <p><i>2. Use multiple repetitions to identify SPR status associated with the transaction number.</i></p>

Data Element Summary				
	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
			EY Special Program Requirement Status Code	
			Informs of forecasting activities of action taken	
Must Use	LQ02	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	